GOVERNMENT OF INDIA
COAL
LOK SABHA

UNSTARRED QUESTION NO:3140
ANSWERED ON:17.12.2015
Mining of Superior Grade Coal
Mani Shri Jose K.

Will the Minister of COAL be pleased to state:

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LOK SABHA
UNSTARRED QUESTION No. 3140
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Mining of Superior Grade Coal

3140. SHRI JOSE K. MANI:

Will the Minister of COAL be pleased to state:

(a): the percentage of coal being exploited at present, grade-wise;
(b): whether mining of superior grade coal with low ash content is less as compared to other grades of coal;
(c): if so, the details thereof and the reasons therefor; and
(d): the steps being taken by the Government to increase the mining of superior grade coal?

Answer

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL, POWER AND NEW & RENEWABLE ENERGY

(SHRI PIYUSH GOYAL)

(a): As per Provisional Coal Statistics 2014-15, the Grade-wise all India raw coal production of Coking coal was 57.45 Mte. and Non-Coking coal was 554.98 Mte during the year 2014-15. The details of grade-wise production of coal are given in the table.
Grade-wise coal production during the year 2014-15
Coking Coal Non-Coking Coal
Grade Production %age Grade Production %age
Steel-I 0.05 0.09 1 5.948 1.07
Steel -II 0.456 0.79 2 0.566 0.10
SC-I 0.13 0.23 3 5.468 0.99
Wash-I 0.115 0.20 4 19.197 3.46
Wash-II 2.228 3.88 5 14.645 2.64
Wash-III 12.499 21.76 6 22.654 4.08
Wash-IV 41.973 73.06 7 38.212 6.89
SLV-I 0 0.00 8 30.325 5.46
Total 57.451 100.00 9 52.535 9.47
10 64.412 11.61
11 131.004 23.61
12 79.167 14.26
13 76.062 13.71
14 5.054 0.91
15 3.826 0.69
16 2.627 0.47
17 3.176 0.57
UNG 0.106 0.02
Total 554.984 100.00

(b)&(c): In India, Coking coal is graded on the basis of ash content while Non-coking coal is graded on the basis of gross calorific value. Grading of coking coal is as follows:-

Grade Ash Content
Steel Gr I Ash content <15%
Steel Gr II 15%<=Ash content<18%
Washery Gr I 18%<=Ash content<21%
Washery Gr II 21%<=Ash content<24%
Washery Gr III 24%<=Ash content<28%
Washery Gr IV 28%<=Ash content<35%

As is evident from the table given in reply to part (a), so far as coking coal is concerned maximum production is witnessed in wash III and wash IV category of coal which have an ash content of 24-28% and 28-35%, respectively. Similarly in raw coal, the G-8 to G-13 grades together have maximum production (reference table in reply to (a).

(d):The focus of the Government is on improvingdomestic production of coal which include efforts to expedite clearances, pursuing with State Government for help in expediting land acquisition and coordinated effort with Railways for movement of coal. Steps have been taken by Coal India Limited (CIL) and its subsidiaries to improve the production and quality of coal by adopting latest available technologies such as Continuous Miners, Selective Mining, Surface Miners and clean Coal Technologies, Coal sizing and sampling technologies. CIL has recently introduced 'third party sampling' of the coal supplied under which the coal purchasing party is free to choose a sampler of its choice from the empanelled list of third party samplers.Coking coal is mostly washed. Further, CIL has planned to construct 15 washeries (9 non-coking and 6 coking) having capacity of 112.6 Mte.

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Answer

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Grade-wise coal production during the year 2014-15

Coking Coal			Non-Coking Coal		
Grade	Production	%age	Grade	Production	%age
Steel-I	0.05	0.09	1	5.948	1.07
Steel -II	0.456	0.79	2	0.566	0.10
SC-I	0.13	0.23	3	5.468	0.99
Wash-I	0.115	0.20	4	19.197	3.46
Wash-II	2.228	3.88	5	14.645	2.64
Wash-III	12.499	21.76	6	22.654	4.08
Wash-IV	41.973	73.06	7	38.212	6.89
SLV-I	0	0.00	8	30.325	5.46
Total	57.451	100.00	9	52.535	9.47
			10	64.412	11.61
			11	131.004	23.61
			12	79.167	14.26
			13	76.062	13.71
			14	5.054	0.91
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